FEB 1 8 2004 Complete if Known Substitute for Form 1449 A & B/PTO Application Number 10/645,795 Confirmation Number 8208 Filing Date August 22, 2003 First Named Inventor Toshiki TAGUCHI 1774 1755 Art Unit (use as many sheets as necessary) **Examiner Name** Not yet assigned Klemanski Attorney Docket Number Sheet of Q77110

			U.S.	PATENT DOCU	MENTS	
Examiner	Cita	Document	Number	Publication Date		
Initials*	Cite No.1	Number	Kind Code ² (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
du		US 5,482,546	Α `	1/9/1996	Eida	
		US				
		US				
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		US				
		US	4			
		US				
		US				

40.0	FOREIGN PATENT DOCUMENTS										
Examiner	Cite	Foreign Patent Document			Publication Date	Name of Patentee or					
Initials*	No.1	Country Code ³	Number ⁴	Kind Code ⁵ (if known)		Applicant of Cited Document	Translation ⁶				
alt		GB	2 346 618	A	8/16/2000						
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	: NON PATENT LITERATURE DOCUMENTS							
Exandiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶					
du		European Search Report dated January 9, 2004.						
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Sheek 1 of 2	Attorney Docket Number	Q77110

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Examiner Initials*	Cite No.1	Number	Kind Code ² (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
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Initials*	No.1	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation ⁶
dr		JP	2002-309116	A	10/23/2002		With concise explanation
al		JP	2003-64275	A	3/5/2003		With concise explanation
46		JP .	2002-309115	A	10/23/2002		With concise explanation
W.		JP	2002-285050	A	10/3/2002		With concise explanation
ax		JP .	2002-256167	A	9/11/2002		With concise explanation
ar		JP -	2002-275386	A	9/25/2002	·	With concise explanation
gh.		JP	2002-294097	A	10/9/2002		With concise explanation
46		JP	2002-302623	A	10/18/2002		With concise explanation
de		īÞ	2002-322151	A	11/8/2002		With concise explanation
W		JP	2002-371079	A	12/26/2002	-	With concise explanation

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	JP JP	2003-49100	A	2/21/2003			With concise explanation
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F	Cita	Document	Number	Dublination Date	
Examiner Initials*	Cite No.1	Number	Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US			
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			F	OREIGN PA	TENT DOCUME	NTS	
Examiner	Cite	Foreign Patent Document			Publication Date	Name of Patentee or	
Initials*	No.1	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation ⁶
du.		JP	2002-249677	A	9/6/2002		With concise explanation
W		JP	2002-309118	A	10/23/2002	·	With concise explanation
de		JP ·	2002-327132	A	11/15/2002		With concise explanation
W		JP .	2003-3086	A	1/8/2003		With concise explanation
OH		JP	2003-3099	A	1/8/2003	·	With concise explanation
4		JP	2003-3109	A	1/8/2003		With concise explanation
W.		JP	2003-12956	A	1/15/2003		With concise explanation
W		JP	2003-12952	A	1/15/2003		With concise explanation
W		JP	2003-64287	A	3/5/2003		With concise explanation

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